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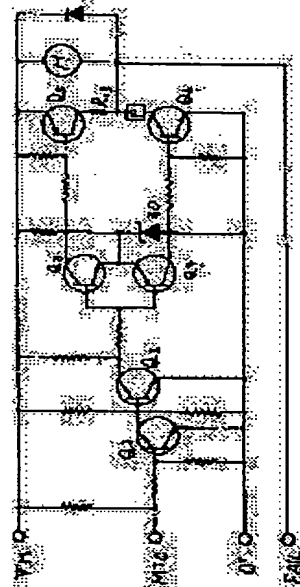
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## (54) DC MOTOR DRIVE CIRCUIT

## (57)Abstract:

**PURPOSE:** To prevent the simultaneous operation of a start circuit and a stop circuit at the time of switching control signals ON and OFF by displacing the operating timings of a motor drive power transistor and a brake power transistor.

**CONSTITUTION:** When a motor is started, a control signal MTC becomes LOW level, and a transistor Q2 is conducted. Since Zener diode voltage is applied to a transistor Q4, the latter is forwardly biased and is conducted, while a transistor Q3 is interrupted. When the transistor Q4 is conducted, a transistor Q6 is conducted, thereby starting a motor M. When the transistor Q3 is interrupted, a transistor Q5 is not conducted, thereby causing a brake circuit not to be operated.



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